

Appl. No. 09/439,550
Amtd. dated 12/06/04
Reply to Office Action dated 07/30/04

II. AMENDMENTS TO THE CLAIMS

Please replace claims 1, 3-4, and 6-16 as shown below. All pending claims are reproduced below, including those that remain unchanged. This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1. (Currently Amended) A computer-implemented method for virtual street addressing, comprising:

in a computer, identifying a centroidanchor point;
defining a plurality of radials extending from said centroidanchor point; and
associating at least one data item relating to said centroidanchor point with each of said
plurality of radials.

Claim 2. (Canceled)

Claim 3. (Currently Amended) A computer-implemented method for virtual street addressing, comprising:

in a computer, identifying a centroidanchor point;
defining a plurality of radials extending from said centroidanchor point;
associating at least one data item relating to said centroidanchor point with each of said
plurality of radials;
interpolating positions on a respective radial, each said position corresponding to a given

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location each of outside data matches corresponding to the respective radial; and
placing a marker at each interpolated position of the displayed respective radial.

Claim 4. (Currently Amended) The computer-implemented method according to claim 3, wherein said marker is any of a point, notch, and icon representation of information associated with each outside data match.

Claim 5. (Canceled)

Claim 6. (Currently Amended) A computer-implemented method for virtual street addressing, comprising:

in a computer, identifying a centroidan anchor point, wherein said identifying a centroid
includes:

identifying said centroid in said database;

defining a plurality of radials extending from said centroidanchor point;

associating at least one data item relating to said centroidanchor point with each of said plurality of radials[[;]], wherein said associating comprises:

associating information in said database with said plurality of radials, said
information relating to said centroid; and

storing said plurality of radials in a database, wherein said identifying an anchor point
includes:

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~~_____ identifying said anchor point in said database, and
said associating comprises:
_____ associating information in said database with said plurality of radials, said
information relating to said anchor point.~~

Claim 7. (Currently Amended) The computer-implemented method according to claim 6, wherein said database is a geocoded database of mapping information, and said data items are locations within an area associated with said centroid anchor point.

Claim 8. (Currently Amended) The computer-implemented method according to claim 6, wherein said database is a database of satellite information, said centroid anchor point represents a position on a globe, and said data items are satellites orbiting above an approximate position of said centroid anchor point.

Claim 9. (Currently Amended) The computer-implemented method according to claim 8, wherein each of the plurality of radials identifies at least one feature of at least one of said satellites.

Claim 10. (Currently Amended) The computer-implemented method according to claim 6, further comprising:

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matching outside data to information associated with said data items; and
displaying each radial having associated information that matches said outside data.

Claim 11. (Currently Amended) The computer-implemented method according to claim 10, wherein said outside data is location information of data stored in said database.

Claim 12. (Currently Amended) A computer-implemented method for virtual street addressing, comprising:

in a computer, identifying a centroid~~and~~ anchor point;
defining a plurality of radials extending from said centroid~~and~~ anchor point; wherein said defining a plurality of radials comprises:
assigning a direction to each respective radial;
associating at least one data item relating to said centroid~~and~~ anchor point with each of said plurality of radials, wherein said defining a plurality of radials comprises:
assigning a direction to each respective radial; and
calculating an endpoint for each respective radial, defining each respective radial from said centroid to its endpoint.

Claim 13. (Currently Amended) The computer-implemented method according to claim 12, wherein said determining a direction of said radial comprises:

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assigning a direction to each respective radial based on at least one of information and features of the data item associated with the respective radial.

Claim 14. (Currently Amended) The computer-implemented method according to claim 13, wherein said information and features is at least one of a margin of error with which said centroidanchor point identifies a location corresponding to said data item, facilities, including any one of parking, food, and communications associated with said data item, and any other information or features related to said data item.

Claim 15. (Currently Amended) A computer-implemented method for virtual street addressing, comprising:

in a computer, identifying a centroidanchor point;
defining a plurality of radials extending from said centroidanchor point;
associating at least one data item relating to said centroidanchor point with each of said plurality of radials, wherein said anchor point is a centroid and each data item is a location within an area associated with said centroid.

Claim 16. (Currently Amended) The computer-implemented method according to claim 15, wherein each radial identifies a location within an area of said centroid, and a proximity of said location to said centroid.

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Claim 17. (Canceled)

Claim 18. (Canceled)

Claim 19. (Canceled)